Fanny Dufossé

Personal Information

Date of Birth: January 12, 1984.
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Professional Experience

2017–present **CR INRIA**, *INRIA Grenoble – Rhône Alpes.*
2014–2017 **CR2 INRIA**, *INRIA Lille – Nord Europe.*
2013–2014 **Post-doc in supervisor synthesis**, *LAAS-CNRS, Toulouse.*
2012–2013 **Professor assistant**, *Université de Nice-Côte d'Azur.*
2011–2012 **Post-doc in scheduling on volatile platform**, *LIP, ENS Lyon.*
2008–2011 **PhD in computer science**, *ENS Lyon.*
Title: *Scheduling for Reliability : Complexity and Algorithms.*
Supervisors: Yves Robert and Anne Benoit

Journal articles

Kunal Agrawal, Anne Benoit, Fanny Dufossé, and Yves Robert. Mapping filtering streaming applications. *Algorithmica*, 62(1-2):258–308, 2010.

Guillaume Aupy, Anne Benoit, Fanny Dufossé, and Yves Robert. Reclaiming the energy of a schedule, models and algorithms. *Concurrency and Computation: Practice and Experience*, 25(11):1505–1523, 2012.

Anne Benoit, Fanny Dufossé, Alain Girault, and Yves Robert. Reliability and performance optimization of pipelined real-time systems. *Journal of Parallel and Distributed Computing*, 76:851–865, 2013.

Henry Casanova, Fanny Dufossé, Yves Robert, and Frédéric Vivien. Mapping applications on volatile resources. *International Journal of High Performance Computing Applications*, 29(1):73–91, 2015.

Fanny Dufossé, Kamer Kaya, and Bora Uçar. Two approximation algorithms for bipartite matching on multicore architectures. *Journal of Parallel and Distributed Computing*, 85:62–78, 2015.

Fanny Dufossé and Bora Uçar. Notes on birkhoff–von neumann decomposition of doubly stochastic matrices. *Linear Algebra and its Applications*, 497:108–115, 2016.

Sophie Jacquin, Fanny Dufossé, and Laetitia Jourdan. An exact algorithm for the bi-objective timing problem. *Optimization Letters*, 12:903–914, 2018.

Fanny Dufossé, Kamer Kaya, Ioannis Panagiotas, and Uçar Bora. Further notes on birkhoff-von neumann decomposition of doubly stochastic matrices. *Linear Algebra and its Applications*, 554:68–78, 2018.

Benjamin Camus, Fanny Dufossé, and Anne-Cécile Orgerie. The sagitta approach for optimizing solar energy consumption in distributed clouds with stochastic modeling. In *Smart Cities, Green Technologies, and Intelligent Transport Systems*, pages 52–76. Springer, 2019.